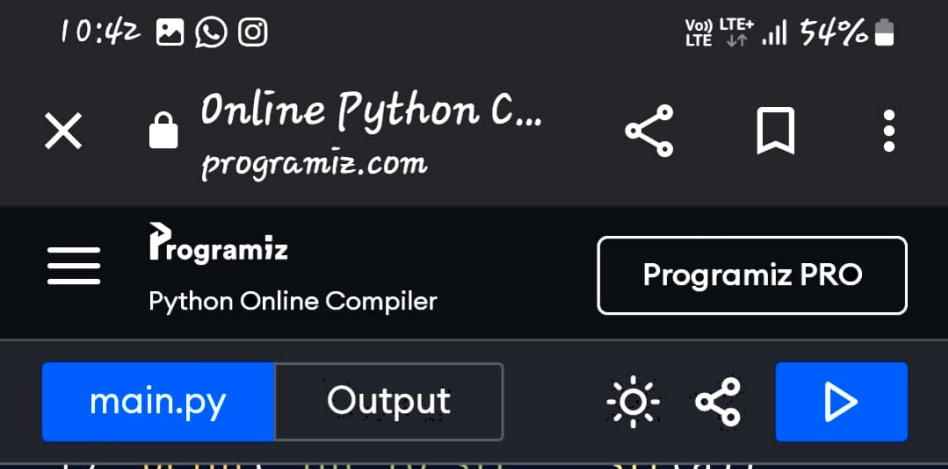
```python
# Define variables of different types
a = 10                  # int
b = 5.5                 # float
c = "hello world"       # str
d = True                # bool
e = 3 + 4j              # complex

print("Original Types:")
print("int:", a)
print("float:", b)
print("str:", c)
print("bool:", d)
print("complex:", e)

# Typecasting
print("\nTypecasting:")
print("float to int:", int(b))
                # 5
print("int to float:", float(a))
                # 10.0
print("int to str:", str(a))
                # "10"
print("bool to int:", int(d))
                # 1
print("int to complex:", complex(a))
                # (10+0j)
```




```
print("int to str:", str(a))
                # "10"
print("bool to int:", int(d))
                # 1
print("int to complex:", complex(a))
               # (10+0j)

# String manipulation
print("\nString Methods:")
upper_str = c.upper()
print("Uppercase:", upper_str)
                # "HELLO WORLD"
found_index = c.find("world")
print("Index of 'world':",
    found_index)   # 6

# Using len(), min(), max()
num_list = [3, 1, 9, 7, 2]

print("\nUsing len(), min(), max():"
    )
print("List:", num_list)
print("Length:", len(num_list))
                # 5
print("Minimum:", min(num_list))
                # 1
print("Maximum:", max(num_li
                # 9
```

```
Original Types:
int: 10
float: 5.5
str: hello world
bool: True
complex: (3+4j)

Typecasting:
float to int: 5
int to float: 10.0
int to str: 10
bool to int: 1
int to complex: (10+0j)

String Methods:
Uppercase: HELLO WORLD
Index of 'world': 6

Using len(), min(), max():
List: [3, 1, 9, 7, 2]
Length: 5
Minimum: 1
Maximum: 9

=== Code Execution Successful ===
```